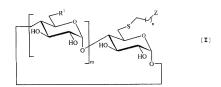
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-29. (canceled)

30. (withdrawn, currently amended) A process for the preparation of a compound of formula (\mathbb{T})



in which:

- n represents an integer from 1 to 6;
- m represents an integer equal to 5, 6 or 7;
- R^1 represents either an OH group or an -S-CH₂-(CH₂)_n-Z group, the R^1 groups all being identical,
 - Z represents either:
 - * an NHX group,
 - * a quaternary ammonium group of the 'NX3 form,
 - * a NX NHR group,

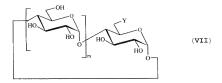
X representing a hydrogen atom or an alkyl group comprising from 1 to 6 carbon atoms, and in particular being a methyl, ethyl, propyl or butyl group, and

R representing a hydrogen atom, a linear or branched alkyl substituent with 1 to 12 carbon atoms, or an aromatic group such as the phenyl, benzyl or naphthyl group, or derivatives of these—groups a derivative of said aromatic group carrying substituents at least one substituent on the aromatic ring such as selected from the group consisting of methyl, ethyl, chlorine, bromine, iodine, nitro, hydroxyl, methoxyl [[or]] and acetamido substituents,

or R representing a biorecognition element such as comprising an amino acid derivative, a peptide, a monosaccharide, an oligosaccharide, a multiplication element with several branchings comprising glucidic groups which can be identical or different, or a visualization probe or fluorescent or radioactive detection probe,

said process being characterized in that it comprises comprising the following stages:

- the reaction of reacting a compound selectively or totally halogenated in primary alcohol position, of the following formula (VII):



m being as defined above,

 $\ensuremath{\mathtt{W}}$ representing an OH group or a Y group, the W groups all being identical,

and Y representing a halogen atom chosen from the group constituted by consisting of chlorine, bromine, and iodine, and preferably being bromine or iodine,

with an ω -aminoalkanethiol of the following formula

(VIII):

said ω -aminoalkanethiol optionally being N-alkylated, or the corresponding salt of the following formula (VIII-a):

$$H_2X\dot{N}$$
 $\uparrow n$ SH $(VIII-a)$

or a tetraalkylammonium salt of the following formula $(\mbox{VIII-b})$:

said salt being associated with a halide counter ion_7 preferably the chloride ion_7

n and X being as defined above, and X preferably being a hydrogen atom,

the compound of formula (VIII) preferably being cysteamine of formula

HaN-GHa-CHa-SH,

in order to obtain a compound of formula (I) as defined above and having the following formulae (A-a) or (A-b):

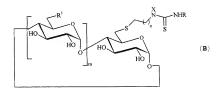
and optionally

- the reaction of the compound of formula (A-a) as obtained in the preceding stage with an isothiocyanate of the following formula (IX):

$$R = N = C = S$$
 (IX)

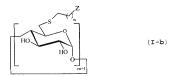
in which R is as defined above,

in order to obtain a compound of formula (I) as defined above, and corresponding to the following formula:



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31. (withdrawn, currently amended) The preparation process according to claim 30 of a compound having the following general formula (I-b):



said process being characterized in that it comprises comprising the following stages:

- the reaction of reacting a per(6-deoxy-6-halo) cyclodextrin compound, of the following formula (VII-a):

with an $\omega\text{-aminoalkanethiol}$ of the following formula (VIII):

$$X \xrightarrow{N} Y_n \xrightarrow{SH} (VIII)$$

said ω -aminoalkanethiol optionally being N-alkylated, or the corresponding salt of the following formula (VIII-a):

$$H_2X\overset{+}{N}$$
 \longrightarrow SH (VIII-a)

or a tetraalkylammonium salt of the following formula $({\tt VIII-b}):$

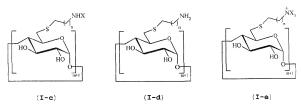
$$X_3 \tilde{N} \underbrace{\hspace{1cm}}_{n} SH$$
 (VIII-b)

said salt being associated with a halide counter ion_r preferably the chloride— ion_r

and X preferably being a hydrogen atom,

the compound of formula (VIII) preferably being $\label{eq:cysteamine} \mbox{cysteamine of formula} \ H_2N-CH_2-CH_2-SH,$

in order to obtain a compound of the following formulae (I-c), (I-d) or (I-e) $\,$



and optionally

- the reaction of the compound of formula (I-c) as obtained in the preceding stage with an isothiocyanate of the following formula (IX):

R-N=C=S (IX)

in order to obtain a compound of the following formula (II) or (II-a)

32. (withdrawn, currently amended) The preparation process according to claim 30 of compounds having the following formula:

said process being characterized in that it comprises
comprising the following stages:

 the reaction of reacting a compound selectively halogenated in primary alcohol position, of the following formula (VII):

with an $\omega\text{-aminoalkanethiol}$ of the following formula (VIII):

said w-aminoalkanethiol optionally being N-alkylated,

or the corresponding salt of the following formula $\label{eq:corresponding} \mbox{(VIII-a):}$

or a tetraalkylammonium salt of the following formula

(VIII-b):

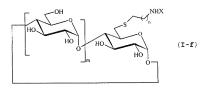
$$X_3^+$$
 SH (VIII-b)

said salt being associated with halide as a counter ion, and preferably being the chloride ion,

and X preferably being a hydrogen atom,

the compound of formula (VIII) preferably being $\label{eq:chi} \text{cysteamine of formula H_2N-CH_2-CH_2-$SH,}$

in order to obtain a compound of formula (I-f) or (I-q), of the following formula:



and optionally

- the reaction of reacting the compound of formula (I-f) as obtained in the preceding stage with an isothiocyanate of the following formula (IX):

$$R-N=C=S$$
 (IX)

in order to obtain a compound of formula (I-h):

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33. (withdrawn, currently amended) A process for the preparation of a compound of formula (I-f-bis)

in which m and n are as defined in claim 30, \approx preferably being or n is equal to 1,

said process being characterized in that it comprises the reaction of comprising reacting a compound selectively

halogenated in primary alcohol position, of the following formula (VII):

m being as defined above, and

Y representing a halogen atom chosen from the group constituted by consisting of chlorine, bromine, and iodine, and preferably being bromine or iodine,

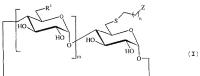
with an ω -aminoalkanethiol of the following formula:

n being as defined above,

or preferably with cysteamine of formula $\mbox{H}_2\mbox{N-CH}_2\mbox{-CH}_2\mbox{-SH}.$

34. (currently amended) A compound of the following

general formula:



in which:

- n represents an integer from 1 to 6;
- m represents an integer equal to 5, 6 or 7;
- R^2 represents either an OH group or an -S-CH₂-{CH₂}_n-Z group, the R^1 groups all being identical;
 - Z represents either:
 - * an NHX group,
 - * a quaternary ammonium group of the ${}^{t}NX_{3}$ form,

X representing a hydrogen atom or an alkyl group comprising from 1 to 6 carbon atoms, and being in particular a methyl, ethyl, propyl or butyl group, and

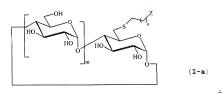
R representing a hydrogen atom, a linear or branched alkyl substituent with 1 to 12 carbon atoms, or an aromatic group such as the phenyl, benzyl or naphthyl group, or derivatives of these groups a derivative of said aromatic group carrying substituents at least one substituent on the aromatic ring such as selected from the group consisting of methyl, ethyl, chlorine, bromine, iodine, nitro, hydroxyl, methoxyl [[or]] and acetamido substituents,

or R representing a biorecognition element such as comprising an amino acid derivative, a peptide, a monosaccharide, an oligosaccharide, a multiplication element with several branchings comprising glucidic groups which can be identical or

different, or a visualization probe or fluorescent or radioactive detection probe.

provided that the compound in which n = 1, m = 6, Z = NH2 and R_1 = OH is excluded.

35. (currently amended) The compound of claim $34_{\underline{\prime}}$ characterized in that wherein R^1 represents OH, and having the following general formula:



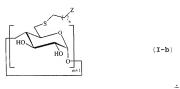
36. (withdrawn, currently amended) The compound of claim 34, characterized in that wherein R¹ represents OH, having the formula (I-a) and characterized in that wherein Z represents an NHX group, X being as defined in claim 5, and in particular being a hydrogen atom.

37. (currently amended) The compound of claim 34_{\perp} eharacterized in that wherein R^1 represents OH, having the formula (I-a) and characterized in that

and Z represents a

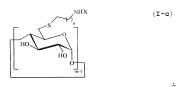
atom.

38. (currently amended) The compound of claim 34, eharacterized in that wherein R^1 represents an $-S-CH_2-(CH_2)_\pi-Z$ group, and having the following general formula:

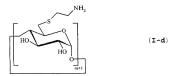


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39. (withdrawn, currently amended) The compound of claim 34_L characterized in that wherein R^1 represents an $-S-CH_2-(CH_2)_n-Z$ group, and having the following formula:

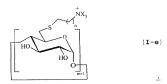


40. (withdrawn, currently amended) The compound of claim 39, characterized in that wherein X represents a hydrogen atom and in that n is equal to 1, and having the following formula:



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41. (withdrawn, currently amended) The compound of claim 38, corresponding to the following formula:



42. (currently amended) The compound of claim 38, $\frac{NN}{N} = \frac{N}{N} \frac{N}{N} = \frac{N}{N} \frac{N}{N} = \frac{N}{N} \frac{N}{N} = \frac{N}{N} = \frac{N}{N} \frac{N}{N} = \frac$

$$\begin{array}{c|c} X & H \\ & X & K \\$$

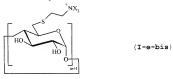
R being identical for each $NX \longrightarrow NHR$ group.

43. (currently amended) The compound of claim 38, characterized in that wherein Z represents a X NNHR group, X represents a hydrogen atom and in that n is equal to 1, and having the following formula:

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44. (currently amended) The compound of claim 34_L characterized in that wherein at least one of the NHX groups as defined in formula (I) is protonated and associated with a monovalent anion chosen in particular from [[the]] chloride, bromide or iodide [[ion]].

45. (withdrawn, currently amended) The compound of claim 38, characterized in that wherein n is equal to 1 and in that the Z group represents the quaternary ammonium ${}^{\dagger}NX_3$ group, and in that [[it]] the Z group can be associated with a monovalent anion chosen in particular from [[the]] chloride, bromide or iodide [[ion]], and having the following formula:



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46. (withdrawn, currently amended) The compound according to claim 34_L characterized in that wherein R¹ represents an -S-CH₂-(CH₂)_n-Z group, wherein Z represents a X group, X represents a hydrogen atom, n is equal to 1, and the R group is chosen from the following groups:

- the $\alpha\text{--}\text{--mannopyranosyl}$ group, of the following formula (III):

- the β -lactosyl group, of the following formula (III-

a):

- the group derived from Lewis X trisaccharide or from sialyl Lewis X tetrasaccharide, of the following formulae (III-b) and (III-c) respectively:

- an oligosaccharide derived from heparin, of the following formula (III-d):

47. (currently amended) The compound of claim 34, $\frac{\text{characterized in that wherein}}{\text{characterized in that wherein}} \ R^1 \ \text{represents an -S-CH}_2-(\text{CH}_2)_{\alpha}-Z$ group, wherein Z represents a NX NHR group, X represents a

hydrogen atom, n is equal to 1, and:

R comprises a branching element derived—from comprising tris(2-hydroxymethyl)methylamine, or

- R represents one of the following groups:
- the tris(α -D-mannopyranosyloxymethyl)methyl group, of the following formula (IV):

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-the tris(β -lactosyloxymethyl)methyl group, of the following formula (IV-a):

48. (currently amended) The compound of claim 34, wherein Z represents a NX NHR group, characterized in that wherein R comprises a branching element derived from pentaerythritol, said compound having the following formula:

in which R^2 and R^3 represent glucidic derivatives which can be different or identical or also a fluorescent or radioactive probe.

- 49. (currently amended) The compound of claim 48, $\frac{1}{2} \frac{1}{2} \frac{$
- 50. (currently amended) The compound of claim 48, $\frac{1}{2}$ characterized in that wherein \mathbb{R}^2 represents the group of formula:

$$-s \xrightarrow{X} S \xrightarrow{H} 0 \xrightarrow{SR_2} SR_2$$

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- 51. (withdrawn, currently amended) The compound of claim 48_L characterized in that wherein n is equal to 1, in that X represents a hydrogen atom and in that R^2 and R^3 represent one of the following groups:
- the $\alpha\text{-p-mannopyranosyl}$ group, of the following formula (III):

- the β -lactosyl group, of the following formula (III-

a):

– the $\beta\text{-n-glucopyranosyl}$ group, of the following formula (VI):

 R^2 and R^3 being able to be identical or different.

- 52. (currently amended) The compound of claim 34, characterized in that wherein m is equal to 6.
- 53. (currently amended) An inclusion complex of a compound according to claim 34 with a pharmacologically active molecule, [[the]] a molar ratio between the compound according to claim-5 and the pharmacologically active molecule advantageously being approximately 50:1 to approximately 1:1.
- 54. (currently amended) An inclusion complex of a compound according to claim 34 with a pharmacologically active molecule, [[the]] a molar ratio between the compound according to

elaim 5 and the pharmacologically active molecule advantageously being approximately 50:1 to approximately 1:1, said complex being eharacterized in that wherein the pharmacologically active molecule is an antineoplastic agent, in particular belonging to the taxol family.

- 55. (previously presented) A pharmaceutical composition comprising a compound according to claim 34 with a pharmacologically acceptable vehicle.
- 56. (currently amended) A pharmaceutical composition comprising an inclusion complex of a compound according to claim 34, with a pharmacologically active molecule, [[the]] a molar ratio between the compound and the pharmacologically active molecule advantageously being approximately 50:1 to approximately 1:1, in association with a pharmacologically acceptable vehicle.
- 57. (previously presented) A pharmaceutical composition comprising a compound according to claim 34 with a pharmacologically acceptable vehicle, in the form of an aqueous solution.
- 58. (currently amended) A pharmaceutical composition comprising an inclusion complex of a compound according to claim 34 with a pharmacologically active molecule, [[the]] a molar

ratio between the compound and the pharmacologically active molecule advantageously being approximately 50:1 to approximately 1:1, in association with a pharmacologically acceptable vehicle, the pharmacological compound being in the form of an aqueous solution.

- 59. (currently amended) A pharmaceutical composition comprising a compound according to claim 34 with a pharmacologically acceptable vehicle, characterized in that it wherein the composition contains per single dose approximately 50 mg to approximately 500 mg of one of the compounds.
- 60. (currently amended) A pharmaceutical composition comprising an inclusion complex of a compound according to claim 34 with a pharmacologically active molecule, [[the]] a molar ratio between the compound and the pharmacologically active molecule advantageously being approximately 50:1 to approximately 1:1, in association with a pharmacologically acceptable vehicle, characterized in that it wherein the composition contains per single dose approximately 100 mg to approximately 750 mg of one of said complex.